

Amendments to the Claims

Please cancel claims 1-41 without prejudice to or disclaimer of the subject matter contained therein. Please add the following new claims 42-45.

This listing of claims will replace all prior versions, and listings of claims in the application.

Claims 1-41 (Cancelled).

42. (New) A device for pressurizing fluid, the device having an inlet end and an outlet end, the fluid exiting from the device at the outlet end and moving into a pressure chamber, the device comprising:

a hollow piston having a piston axis, said hollow piston providing a path for fluid through the device;

a valve member having a valve axis, said valve member configured for axial movement wherein the valve axis remains parallel to the piston axis, said valve member movable between an open position and a closed position;

a stop means for limiting axial movement of said valve member;

a sealing surface for sealing an inlet end of said valve member so that said valve member is sealed when in the closed position, wherein fluid flows through the device into the pressure chamber when said valve member is in the open position, and moving said valve member from the open position to the closed position pressurizes fluid in the pressure chamber; and

a closure member, wherein said hollow piston comprises a widened portion at an inlet end of said hollow piston and a remainder portion, said closure member coupled to said widened portion.

43. (New) A device according to claim 42, wherein said closure member defines a depression in which said valve member is mounted, said valve member being axially movable in said depression.

44. (New) A device according to claim 42, further comprising:
a displacement body disposed within said remainder portion of said hollow piston, said displacement body defining a channel for fluid.

45. (New) A device according to claim 43, wherein said valve member defines a channel at an outlet end of said valve member to facilitate flow of fluid through the device when said valve member is in the open position.